

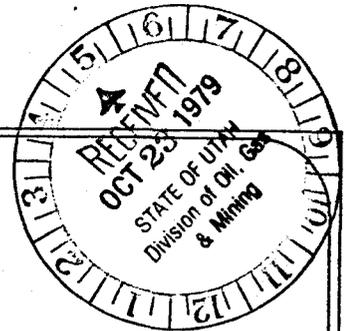
0017



# Ford Chemical

LABORATORY, INC.  
Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE  
SALT LAKE CITY, UTAH 84115  
PHONE 485-5761



DATE: 08/15/79  
CERTIFICATE OF ANALYSIS

HYDROMETRICS, INC.  
1300 CEDAR STREET  
HELENA, MT  
59601

79-005384

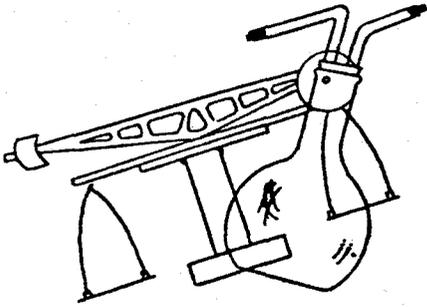
SAMPLE: WATER RECEIVED 7/10/79.

046 CONV.  
CANYON  
ABOVE

#100	#101	#102	#103	#104
(021) AINE	046 PUMP	047 A E	007 NORTH	006 SOUTH
DISCHARGE	HOUSE <del>BY</del>	SPRNG C.	FRK QUITC	FRK QUITC
7/3/79	7/3/79	ABV CONV	HUPAH ABV	HUPAH.
		CAN. 7/3	CAN. 7/3	7/3/79

Arsenic as As mg/l	<.001	<.001	<.001	<.001	.002
Bicarbonate as HCO3 mg/l	251.32	502.64	285.48	209.84	229.36
Cadmium as Cd mg/l	<.001	<.001	<.001	<.001	<.001
Calcium as Ca mg/l	61.60	96.00	64.80	45.60	55.20
Carbonate as CO3 mg/l	<.01	<.01	<.01	<.01	<.01
Chloride as Cl mg/l	12.0	34.0	14.0	2.0	6.0
Conductivity umhos/cm	580	1,000	610	670	500
Fluoride as F mg/l	.33	.26	.31	.23	.42
Iron as Fe mg/l	.110	1.230	.330	.170	.470
Magnesium as Mg mg/l	35.52	74.40	40.32	64.32	29.76
Manganese as Mn mg/l	.004	.181	.025	.020	.050
Nitrate as NO3-N mg/l	.25	.10	.05	.02	.04
Phosphate as PO4-P (Total) mg	.060	.100	.060	.100	.060

All reports are submitted as the confidential property of clients. Authorization for publication of our reports, conclusions, or extracts from or regarding them, is reserved pending our written approval as a mutual protection to clients, the public and ourselves.



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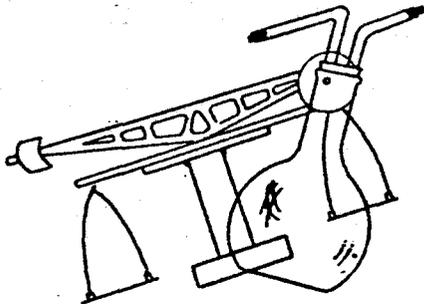
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### CERTIFICATE OF ANALYSIS

79-005384

#100	#101	#102	#103	#104
(021)	048 PUMP	047 A E	007 NORTH	006 SOUTH
DISCHARGE	HOUSE <del>BE</del>	SPRNG C.	FRK QUITC	FRK QUITC
7/3/79	7/3/79	ABV CONV	HUPAH ABV	HUPAH.
		CAN. 7/3	CAN. 7/3	7/3/79

	#100	#101	#102	#103	#104
Potassium as K mg/l	2.163	4.310	2.420	.678	1.276
Selenium as Se mg/l	.001	<.001	<.001	<.001	<.001
Silica as SiO2 mg/l	3.50	5.10	2.90	1.50	6.30
Sodium as Na mg/l	20.90	34.37	21.47	12.73	17.90
Sulfate as SO4 mg/l	116	157	114	210	100
Suspended Solids mg/l	33.0	95.0	59.0	45.0	87.0
Total Dissolved Solids mg/l	380	652	400	438	328
Total Kjeldahl Nitrogen mg/l	.30	.25	.18	.20	.25



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#105	#106	#107
001	041 QUITC	042 NO.
EAST	HFAH CRK	FK. QUITCH
SPRING	AB NO FK	PAH
7/4/79	7/4/79	7/4/79

	#105	#106	#107
Arsenic as As mg/l	<.001	<.001	.001
Bicarbonate as HCO3 mg/l	251.32	265.96	219.60
Cadmium as Cd mg/l	<.001	<.001	<.001
Calcium as Ca mg/l	58.40	45.60	46.40
Carbonate as CO3 mg/l	<.01	<.01	<.01
Chloride as Cl mg/l	20.0	30.0	10.0
Conductivity umhos/cm	400	970	460
Fluoride as F mg/l	.18	.31	.30
Iron as Fe mg/l	.010	.080	.290
Magnesium as Mg mg/l	19.68	48.00	27.36
Manganese as Mn mg/l	.008	.011	.027
Nitrate as NO3-N mg/l	.10	.12	.10
Phosphate as PO4-P (Total) mg	.030	<.010	<.010
Potassium as K mg/l	1.452	2.894	1.142
Selenium as Se mg/l	.001	.001	<.001
Silica as SiO2 mg/l	2.44	4.50	2.85
Sodium as Na mg/l	11.98	103.00	22.69



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79-005384

#105	#106	#107
001	041 QUITC	042 NO.
EAST	HFAH CRK	FK. QUITCH
SPRING	AB NO FK	FAH
7/4/79	7/4/79	7/4/79

Sulfate as SO <sub>4</sub> mg/l	21.0	260	78.0
Suspended Solids mg/l	9.0	5.0	45.0
Total Dissolved Solids mg/l	260	631	299
Total Kjeldahl Nitrogen mg/l	.22	.20	.30

*[Signature]*  
FORD CHEMICAL LABORATORY, INC.